203.8 - Defining Fixed Point, International Temperature Scale of 1990, ITS-90 (solid forms)

These SRMs are for use in preparing defining fixed points of the International Temperature Scale of 1990, ITS-90.

For further information see SP 260-138

Technical Contact: gregory.strouse@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit Size	Temperature (in °C)
740a	Zinc (Freezing Point)	200 g	419.527
741a	Tin (Freezing Point)	200 g	231.928
743	Mercury (Triple Point)	680 g	-38.8344
1744	Aluminum (Freezing Point)	200 g	660.323
1745	Indium (Freezing Point)	200 g	156.5985
1746	Silver (Freezing Point)	300 g	961.78
1751	Gallium Melting-Point	200 g	29.7646